

# The Western Journal of Medicine

VOLUME 142 • NUMBER 2

FEBRUARY 1985

## CLINICAL MEDICINE

- 197 Current Trends in Antifertility Vaccine Research  
D C COVEY, K D O'BRIEN and D E MOORE
- 203 Amebiasis Presenting as Pleuropulmonary Disease  
K R KUBITSCHKE, J PETERS, D NICKESON and D M MUSER
- 208 Influence of Perfusion and Ventilation Scans on  
Therapeutic Decision Making and Outcome in  
Cases of Possible Embolism  
A J MERCANDETTI, M S KIPPER and K M MOSER
- 214 Cancer Incidence Among Employees of the  
Lawrence Livermore National Laboratory,  
1969-1980  
P REYNOLDS and D F AUSTIN

## MEDICAL PROGRESS

- 219 Pathogenesis of Impaired Glucose Tolerance and  
Type II Diabetes Mellitus—Current Status  
M B DAVIDSON

## SPECIALTY CONFERENCE

- 230 Computers in Medicine—The Office Setting  
Discussant: M GELMAN

## MEDICAL STAFF CONFERENCE

- 235 Therapeutic Strategies in Congestive Heart Failure  
and the New Inotrope-Vasodilator Agents  
Chief Discussant: C A SIMONTON

## EPITOMES

- 245 Orthopedics

## EDITORIALS

- 249 Medical Associations and the Pace of Change  
• Heterogeneity in Type II Diabetes • Computers  
and the Physician • Do as I Say, or as I Do?

## CASE REPORTS

- 253 Spontaneous Colonic Drainage—A Rare  
Complication of an Amebic Liver Abscess  
R C ARMEN, M FRY and P N R HESELTINE
- 255 *Neisseria sicca* Endocarditis in Intravenous Drug  
Abusers  
M THORNHILL-JOYNES, M W LI, H N CANAWATI, M Z IBRAHIM  
and F L SAPICO
- 257 An Unusual Systemic Staphylococcal Illness With  
Features of the Mucocutaneous Lymph Node  
Syndrome  
K S SERVILLA, J A GREEN, H J WILLIAMS and J J ZONE

## CORRESPONDENCE

- 260 Thyrotoxic Periodic Paralysis in Navajos—HLA  
Typing • Exercise for Patients With Neuromuscular  
Diseases • A Preventable Endemic Condition  
• Hyperkalemia—Consider the Possibility of a  
Pseudoabnormality • Another Cause of Diarrhea  
in AIDS • Emergency Room Physicians

## TOPICS IN PRIMARY CARE MEDICINE

- 263 Diabetic Foot Infections—Prevention and  
Treatment  
R A GLECKMAN and R M ROTH

## COMMENTARY

- 266 On the Superiority of Women  
E R W FOX
- 267 They All Laughed When I Spoke of Greedy Doctors  
R CRAWSHAW

## INFORMATION

- 268 Health Screening of Physicians—A Role for Local  
Medical Societies  
K B WELLS, C E LEWIS and R W POTTER
- 270 Care of Uncircumcised Children  
G N FOX

## OTHER FEATURES

- 153 Subscription Information
- 161 Continuing Medical Education Activities in  
California, Hawaii and Nevada; Alaska;  
Idaho; Montana; New Mexico; Oregon; Utah;  
Washington; Wyoming
- 195 California Medical Association Annual Meeting
- 273 Book Reviews
- 286 Classified Advertising
- 294 Western State Medical Associations' Meetings

## Detailed Table of Contents: 155, 159, 189

Official Journal of the California Medical Association, the Idaho Medical Association, the Nevada State Medical Association, the New Mexico Medical Society, the Utah State Medical Association, the Washington State Medical Association and the Wyoming Medical Society.

Affiliated Clinical Investigation Societies: the Western Association of Physicians; the Western Society for Clinical Investigation; the Western Section, American Federation for Clinical Research; the Western Society for Pediatric Research; the Western Region, Society for Investigative Dermatology.

# The Western Journal of Medicine

---

VOLUME 142 • NUMBER 2 • FEBRUARY 1985

## CONTENTS

### CLINICAL MEDICINE

---

197 **Current Trends in Antifertility Vaccine Research**

DANA C. COVEY, MD; KEVIN D. O'BRIEN, MD, and DONALD E. MOORE, MD

*From the Department of Obstetrics and Gynecology, University of Washington School of Medicine, Seattle. Dr Covey is Resident in Orthopaedic Surgery, Louisiana State University, Shreveport. Dr O'Brien is Resident in Internal Medicine, University of Washington, Seattle.*

203 **Amebiasis Presenting as Pleuropulmonary Disease**

KENNETH R. KUBITSCHKEK, MD; JAY PETERS, MD; DAVID NICKESON, MD, and DANIEL M. MUSER, MD

*From the Medical Service (General Medicine, Pulmonary Disease and Infectious Disease Sections), Veterans Administration Medical Center, Houston, and the Department of Medicine, Baylor College of Medicine, Houston.*

208 **Influence of Perfusion and Ventilation Scans on Therapeutic Decision Making and Outcome in Cases of Possible Embolism**

ALEX J. MERCANDETTI, MD; MICHAEL S. KIPPER, MD, and KENNETH M. MOSER, MD

*From the Pulmonary and Critical Care Division, Department of Medicine, University of California, San Diego, School of Medicine.*

214 **Cancer Incidence Among Employees of the Lawrence Livermore National Laboratory, 1969-1980**

PEGGY REYNOLDS, PhD, and DONALD F. AUSTIN, MD, MPH

*From the Resource for Cancer Epidemiology Section, California Department of Health Services, Emeryville.*

### MEDICAL PROGRESS

---

219 **Pathogenesis of Impaired Glucose Tolerance and Type II Diabetes Mellitus—Current Status**

MAYER B. DAVIDSON, MD

*From the Division of Endocrinology, Department of Medicine, Cedars-Sinai Medical Center-UCLA, Los Angeles.*

### SPECIALTY CONFERENCE

---

230 **Computers in Medicine—The Office Setting**

Discussant: MARC GELMAN, MD

*A discussion selected from the weekly Grand Rounds in the Department of Medicine, University of New Mexico School of Medicine.*

### MEDICAL STAFF CONFERENCE

---

235 **Therapeutic Strategies in Congestive Heart Failure and the New Inotrope-Vasodilator Agents**

Chief Discussant: CHARLES A. SIMONTON, MD

*A discussion selected from the weekly staff conferences in the Department of Medicine, University of California, San Francisco, School of Medicine. Taken from a transcription, it was prepared by Drs Homer A. Boushey, Associate Professor of Medicine, and David G. Warnock, Associate Professor of Medicine, under the direction of Dr Lloyd H. Smith, Jr, Professor of Medicine and Chairman of the Department of Medicine.*

### EPITOMES OF PROGRESS

---

#### Orthopedics

*Items of progress in orthopedics. Each item in the judgment of a panel of knowledgeable physicians has recently become reasonably firmly established, both as to scientific fact and important clinical significance.*

245 **Ischemic Necrosis of the Femoral Head**

MARVIN H. MEYERS, MD

245 **Myocutaneous Flap for Soft Tissue Reconstruction**

GARY K. FRYKMAN, MD, and VINCENT LEUNG, MD

(Continued on Page 159)

(Continued from Page 155)

- 246 **Complications of Chemonucleolysis**  
ROGER P. THORNE, MD
- 246 **Electrical Stimulation of Ununited Fractures**  
LORRAINE DAY, MD
- 247 **Management of Major Pelvic Ring Fractures**  
DAVID H. GERSHUNI, MD
- 247 **External Fixation of Tibia Fractures**  
TIMOTHY J. BRAY, MD
- 248 **Management of Long Bone Fractures With External Fixators**  
SANFORD H. ANZEL, MD

## EDITORIALS

- 249 **Medical Associations and the Pace of Change**
- 249 **Heterogeneity in Type II Diabetes**  
GEORGE F. CAHILL, Jr, MD  
*Dr Cahill is with the Howard Hughes Medical Institute, Boston.*
- 250 **Computers and the Physician**  
MARSDEN S. BLOIS, PhD, MD  
*Dr Blois is Professor and Chief, Medical Information Science Section, and Professor, Departments of Dermatology and Family and Community Medicine, University of California, San Francisco, School of Medicine.*
- 252 **Do as I Say, or as I Do?**

## CASE REPORTS

- 253 **Spontaneous Colonic Drainage—A Rare Complication of an Amebic Liver Abscess**  
ROBERT C. ARMEN, MD; MICHAEL FRY, MD, and PETER N. R. HESELTINE, MD  
*From the Department of Internal Medicine, Los Angeles County-University of Southern California Medical Center, Los Angeles.*
- 255 ***Neisseria sicca* Endocarditis in Intravenous Drug Abusers**  
MONICA THORNHILL-JOYNES, MD; MARK W. LI, MD; HANNA N. CANAWATI, PhD; MAHER Z. IBRAHIM, and FRANCISCO L. SAPICO, MD  
*From the Departments of Medicine and Pathology, Rancho Los Amigos Hospital, Downey, California, and the Departments of Pathology and Medicine, University of Southern California School of Medicine, Los Angeles.*
- 257 **An Unusual Systemic Staphylococcal Illness With Features of the Mucocutaneous Lymph Node Syndrome**  
KAREN S. SERVILLA, MD; JON A. GREEN, MD, PhD; H. JAMES WILLIAMS, MD, and JOHN J. ZONE, MD  
*From the Divisions of Infectious Diseases and Dermatology, Department of Internal Medicine, and the Center for Infectious Diseases, Diagnostic Microbiology and Immunology, University of Utah School of Medicine, Salt Lake City.*

## CORRESPONDENCE

- 260 **Thyrotoxic Periodic Paralysis in Navajos—HLA Typing**  
ROBERT WILLIAMS, MD
- 261 **Exercise for Patients With Neuromuscular Diseases**  
FORBES H. NORRIS, MD
- 261 **A Preventable Endemic Condition**  
MARTIN C. GREGORY, MD
- 262 **Hyperkalemia—Consider the Possibility of a Pseudoabnormality**  
MALCOLM L. BRIGDEN, MD, and ETHEL V. PREECE, RT
- 262 **Another Cause of Diarrhea in AIDS**  
HOWARD EDELSTEIN, MD, and MICHAEL SILPA, MD
- 262 **Emergency Room Physicians**  
STEPHEN E. JACOBS, MD

## TOPICS IN PRIMARY CARE MEDICINE

- 263 **Diabetic Foot Infections—Prevention and Treatment**  
RICHARD A. GLECKMAN, MD, and ROBERT M. ROTH, MD  
*From the Division of Infectious Disease, Saint Vincent Hospital, and the Department of Medicine, University of Massachusetts Medical School, Worcester.*

(Continued on Page 189)

(Continued from Page 159)

## COMMENTARY

## 266 On the Superiority of Women

E. R. W. FOX, MD

*Dr Fox is in private practice in Coeur d'Alene and is the Special Editor for Idaho.*

## 267 They All Laughed When I Spoke of Greedy Doctors

RALPH CRAWSHAW, MD

*Dr Crawshaw is in private practice in Portland.*

## INFORMATION

## 268 Health Screening of Physicians—A Role for Local Medical Societies

KENNETH B. WELLS, MD, MPH; CHARLES E. LEWIS, MD, ScD, and ROBERT W. POTTER, MD

*From the UCLA Neuropsychiatric Institute, Department of Psychiatry, and the Division of General Internal Medicine and Health Services Research, Department of Medicine, UCLA School of Medicine; the Department of Medicine, University of California, San Francisco, School of Medicine, and the Rand Corporation.*

## 270 Care of Uncircumcised Children

GARY N. FOX, MD

*From the Family Practice Residency of Southwest Idaho, Boise, and the Department of Family Medicine, University of Washington School of Medicine.*

## OTHER FEATURES

## 153 Subscription Information

## 161 Continuing Medical Education Activities in California, Hawaii and Nevada; Alaska; Idaho; Montana; New Mexico; Oregon; Utah; Washington; Wyoming

## 195 California Medical Association Annual Meeting

## Book Reviews

## 273 The AMA and U.S. Health Policy Since 1940

FRANK D. CAMPION

Reviewed by DAVID HOPKINS, MD

## 273 Human Sexuality and Its Problems

JOHN BANCROFT, MD

Reviewed by LARRY E. BEUTLER, PhD

## 274 Primary Care Geriatrics—A Case-Based Learning Program

RICHARD J. HAM, MD; JOSEPH H. HOLTZMAN, PhD; MICHELLE L. MARCY, MS, and MARCIA R. SMITH, PhD

Reviewed by LISA HEIKOFF, MD

## 274 Choosing Effective Laboratory Tests

CARL E. SPEICHER, MD, and JACK W. SMITH, Jr, MD

Reviewed by THOMAS S. MCCONNELL, MD

## 275 Postgraduate Textbook of Clinical Orthopaedics

Edited by NIGEL H. HARRIS, MA, FRCS

Reviewed by RONALD J. KENDIG, MD

## 275 Handbook of Obstetrics &amp; Gynecology

RALPH C. BENSON, MD

Reviewed by RALPH W. HALE, MD

## 275 Computerizing Your Medical Office: A Guide for Physicians and Their Staffs

DOT SELLERS, CMA-A

Reviewed by ROGER K. HOWE, MD

## 286 Classified Advertising

## 294 Western State Medical Associations' Meetings

- ★ Official Journal of the California Medical Association, the Idaho Medical Association, the Nevada State Medical Association, the New Mexico Medical Society, the Utah State Medical Association, the Washington State Medical Association and the Wyoming Medical Society.
- ★ Affiliated Clinical Investigation Societies: the Western Association of Physicians; the Western Society for Clinical Investigation; the Western Section, American Federation for Clinical Research; the Western Society for Pediatric Research; the Western Region, Society for Investigative Dermatology.